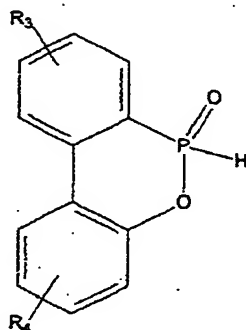


What is claimed is:

1. A process for preparing 6-alkoxy-(6H)-
dibenzo[c,e][1,2]oxaphosphorins,
5 characterized in that 6H-
dibenzo[c,e][1,2]oxaphosphorin 6-oxides of the
formula I



10

where R3, R4 = alkyl, alkoxy, alkylthio, alkenyl,
alkynyl, aryl, heteroaryl, cycloalkyl groups

are used as the reactant.

15

2. The process as claimed in claim 1,
characterized in that the preparation is effected
in the following steps:

20

- 1) providing at least one solvent,
- 2) adding the reactant
- 3) adding an ortho ester and
- 4) adding alcohol if it has not already been used
under stage 1).

25

3. The process as claimed in one of claims 1 and 2,
characterized in that the solvent used is an
alcohol or alcohol-containing mixture.

30

4. The process as claimed in claim 3,

characterized in that alcohols of the formula R_2OH are used where R_2 is alkyl.

- 5 5. The process as claimed in one or more of claims 1
 to 4,
 characterized in that the reaction is carried out
 in the presence of a compound capable of ester
 formation with 6H-dibenzo[c,e][1,2]oxaphosphorin
 6-oxides.
- 10 6. The process as claimed in one of claims 1 to 5,
 characterized in that the reaction is carried out
 in the presence of a trialkyl orthoformate.
- 15 7. The process as claimed in claim 6,
 characterized in that the reaction is carried out
 in the presence of trimethyl or triethyl
 orthoformate.
- 20 8. The process as claimed in one of claims 1 to 7,
 characterized in that it is carried out in the
 presence of catalysts.
- 25 9. The process as claimed in claim 8,
 characterized in that the catalysts used are Lewis
 acids or Brønsted acids.
- 30 10. The process as claimed in claim 9,
 characterized in that the acids used are proton
 donors.
- 35 11. The process as claimed in claim 10,
 characterized in that the acids used are hydrogen
 halides.
12. The process as claimed in claim 1-11,

characterized in that the excess alcohol is removed and the catalyst is simultaneously recycled.